

VS-840S and VC-412/VC-450 combination table:

The following shows the band profile and band plan compatibility:

	Band Profile List		Band Plan List
0	VDSL2 Profile8a	0	Annex A M1_EU32
1	VDSL2 Profile8b	1	Annex A M9_EU64
2	VDSL2 Profile8c	2	Annex A EU128
3	VDSL2 Profile8d	3	Annex B 997-M1c-A-7
4	VDSL2 Profile12a	4	Annex B 997-M2x-A
5	VDSL2 Profile12b	5	Annex B 997-M2x-M
6	VDSL2 Profile17a	6	Annex B 998-M1x-A
7	VDSL2 Profile30a	7	Annex B 998-M1x-B
8	VDSL2 Profile17b	8	Annex B 998-M2x-A
		9	Annex B 998-M2x-M
		10	Annex B 998-M2x-B
		11	Annex B 998-M2x-NUS0
		12	Annex B 998e17-M2x-NUS0
		13	Annex B 998ADE17-M2x-A
		14	Annex B 998ADE30-M2x-JUS0
		15	Annex C_A
		16	Annex C_M
		17	Annex C_8K

Band Profile \ Band Plan	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	O	X	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
1	O	O	X	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
2	O	X	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	O
3	O	X	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
4	O	O	O	X	X	X	X	X	X	X	O	X	X	X	X	X	X	X
5	O	O	O	X	O	O	X	O	X	O	X	O	X	X	X	O	O	O
6	O	O	O	X	X	X	X	X	X	X	X	X	O	O	X	O	X	X
7	O	X	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O
8	O	O	O	X	X	X	X	X	X	X	X	X	X	O	X	X	X	X

Note: O = Compatible; X = Not Compatible

Figure 5.1.3 Band Profile / Plan compatibility

Note:

Please note that do not configuration multiple different band profile and band plan within 8 VDSL2 ports, this behavior can cause serious crosstalk.

Following table are comparison VC-412 & VC-450 connect VC-840S maximum distance. Those are reference only.

Profile / Band Plan	VC-412(m)	VC-450(m)
8A / Annex A M1_EU32	1200	1400
8A / Annex A M9_EU64	X	1900
8A / Annex A EU128	1200	1300
8A / Annex B 998_M1x_B	1800	2100
8A / Annex B 998_M2x_B	1300	2100
8A / Annex B 998_M2x_NUS0	1300	1100

Profile / Band Plan	VC-412(m)	VC-450(m)
8B / Annex A M1_EU32	1300	1300
8B / Annex A M9_EU64	1800	2100
8B / Annex A EU128	X	2100
8B / Annex B 998_M1x_B	1100	1200
8B / Annex B 998_M2x_B	1800	2100
8B / Annex B 998_M2x_NUS0	1300	1300

Profile / Band Plan	VC-412(m)	VC-450(m)
8C / Annex A M1_EU32	1100	1800
8C / Annex A M9_EU64	X	2100
8C / Annex A EU128	1800	2100
8C / Annex B 998_M1x_B	1400	2100
8C / Annex B 998_M2x_B	1800	2100

8C / Annex B 998_M2x_NUS0	1400	1500
8C / Annex C_8K	1400	1400

Profile / Band Plan	VC-412(m)	VC-450(m)
8D / Annex A M1_EU32	1000	1400
8D / Annex A M9_EU64	X	2100
8D / Annex A EU128	1800	2100
8D / Annex B 998_M1x_B	1800	2100
8D / Annex B 998_M2x_B	1800	1600
8D / Annex B 998_M2x_NUS0	1400	1400

Profile / Band Plan	VC-412(m)	VC-450(m)
12A / Annex A M1_EU32	1400	1400
12A / Annex A M9_EU64	1800	2100
12A / Annex A EU128	1800	2100
12A / Annex B 998_M1x_B	X	2100
12A / Annex B 998_M2x_B	1700	2100

Profile / Band Plan	VC-412(m)	VC-450(m)
12B / Annex A M1_EU3	1700	1400
12B / Annex A M9_EU64	1400	1400
12B / Annex A EU128	1400	1400

12B / Annex B 997_M2x_A	1500	1400
12B / Annex B 997_M2x_M	1400	1400
12B / Annex B 998_M1x_B	1400	1200
12B / Annex B 998_M2x_M	1400	1400
12B / Annex B 998_M2x_NUS0	1400	1400
12B / Annex C_A	1500	1400
12B / Annex C_M	1400	1400
12B / Annex C_8K	1400	1300

Profile / Band Plan	VC-412(m)	VC-450(m)
17A / Annex A M1_EU32	1400	1400
17A / Annex A M9_EU64	1400	1300
17A / Annex A EU128	1400	1400
17A / Annex B 998E17_M2x_NUS0	1300	1200
17A / Annex B 998ADE17_M2x_A	1400	1200
17A / Annex B 998ADE30_M2x_NUS0_A	X	1200
17A / Annex C_A	1300	1200
17A / Annex C_M	X	1200
17A / Annex C_8K	1300	1200

Profile / Band Plan	VC-412(m)	VC-450(m)
17B / Annex A M1_EU32	1400	1200
17B / Annex A M9_EU64	1800	1900

17B / Annex A EU128	X	1900
17B / Annex B 998ADE17_M2x_A	1500	1900

Profile / Band Plan	VC-412(m)	VC-450(m)
30A / Annex A M1_EU32	1500	1300
30A / Annex A EU128	1400	1300
30A / Annex B 998ADE30_M2x_NUS0_A	1500	1300
30A / Annex C_8K	1400	1300